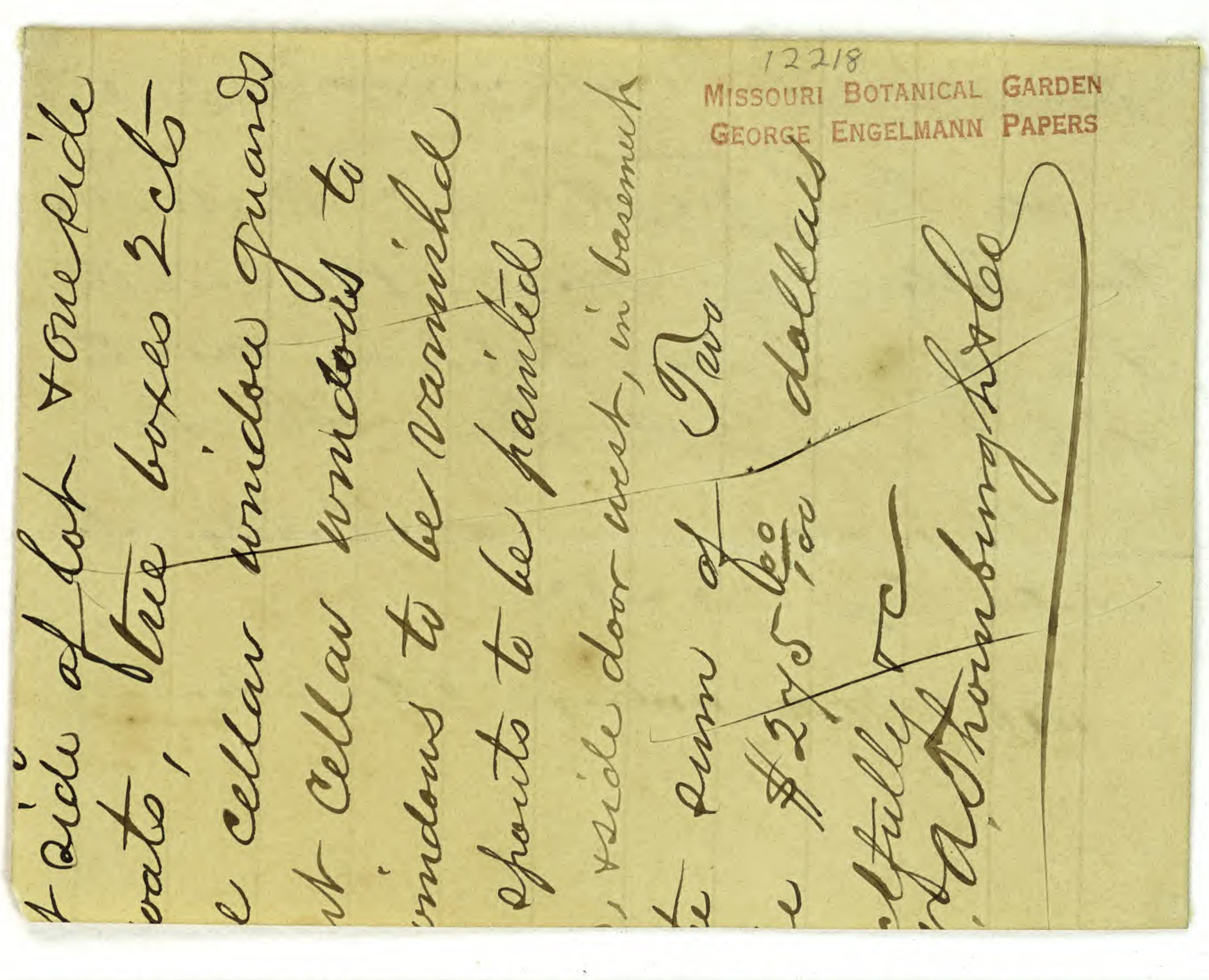


Athellichaus April 1872 conte, ! alle Times Ellette" had d'ichants Their Bollen by March 1- artic Raustrales was fully a recoult Later \_ and the other still later. This senson is unusually late winter long and rold 1876 P. Elliotti Discherge Filler - Zannang







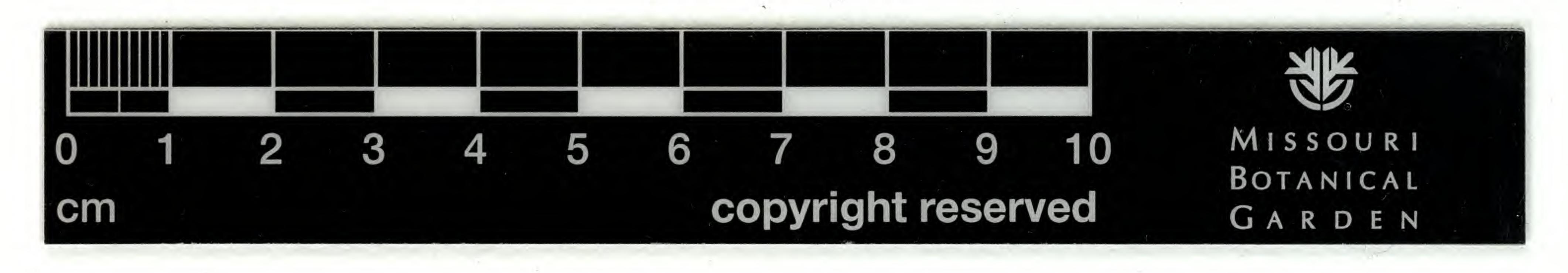
Sperimen of P. Ellettii avod and by 18%, Head wood 7 Transmill Chrings 28 298 miner each mig Merefor avery Tiegle mage i en of lands Marrowell fapored 15 annul mings 10 mul 0.6 cach nag Therefore average Tilgle negs mension 1.3 in established Mannet 0.4. Siam. 2/2 inches heap 60-70 rigs



Ores (is days anne mig on avery De Maine would make The Die Bale tree of 130 ling meding 520 years 200 waite the 2 lines of the old word nings would muke it only 5 genn ald De Mellechange cout 60 202 20p MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

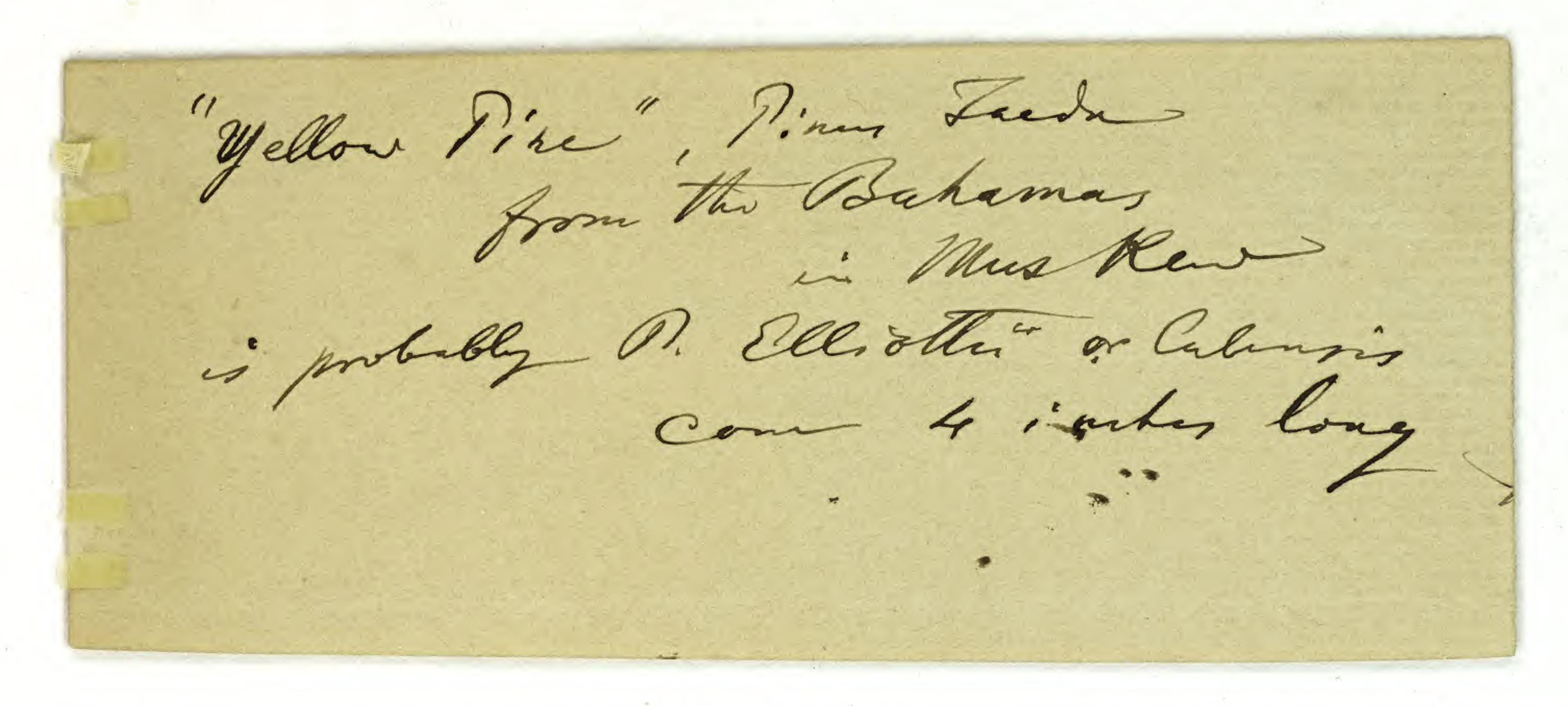


In 1874 P. Elliotti is Sicharging Pollen, as early as 5 th 10th Telmany.

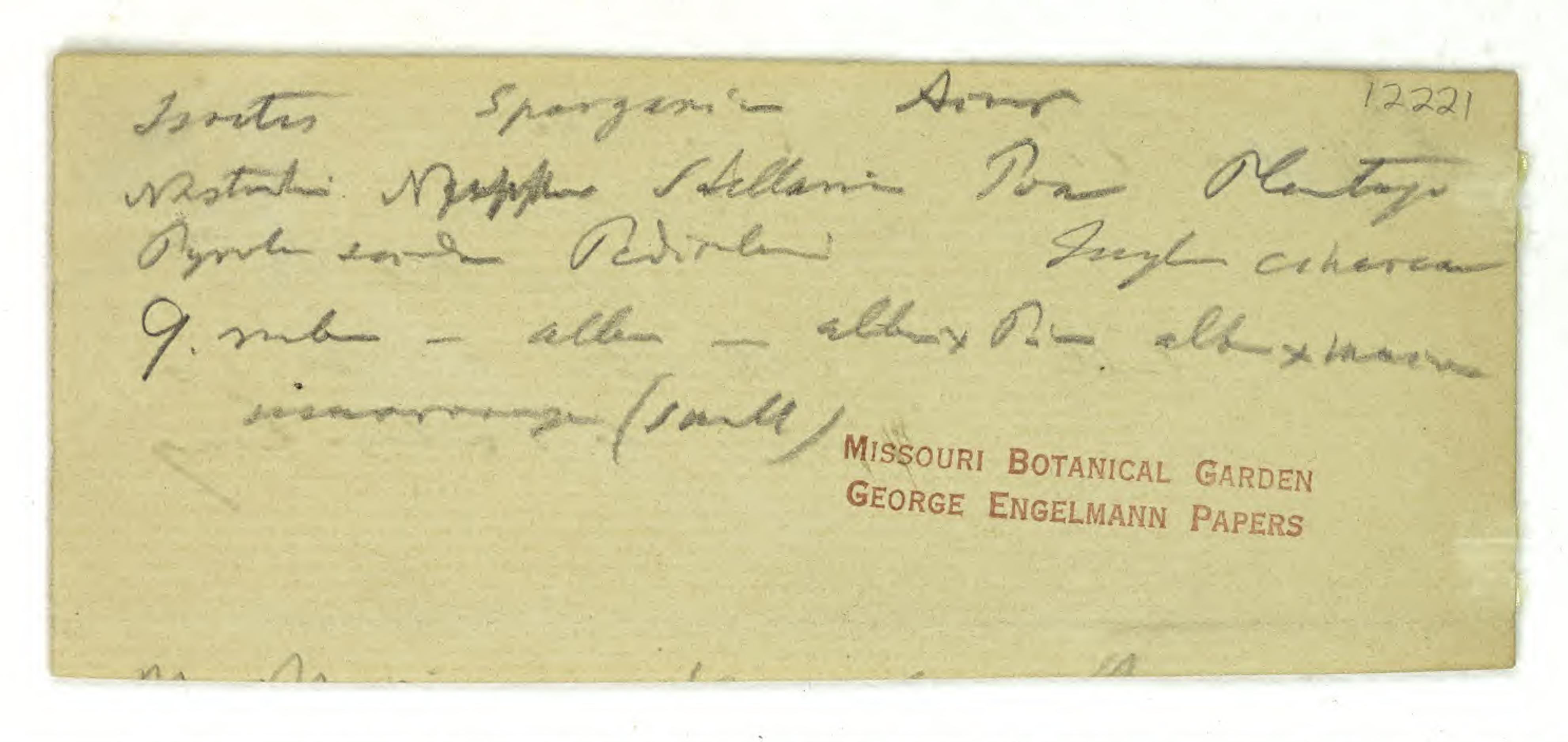














I', Ellothis' the own come prize - S. Henry comparing the s'as mense the fronts of this oregion , Short- straw Pire" - wood much hardy Som Coll Partolis "long-Strows pine" is the forest over of, earlen as mode a not Horisa, not seen south of Lampa



Monsieur et honorable Collègue!

Le 5. Aout 1879. il y aura 40 ans, l'immortel Endlicher dans le Novarum Stirpium Decas X. p. 89.

"honoribus viri clarissimi Samuelis Brassai apud Claudiopolitanos in Transylvania Botanicam profitentis, qui solus, popularibus suis tritam a Linneanis viam adusque terentibus, rei herbariae methodum naturalem libris praeclaris, hungarico sermone conscriptis, adserere conatur" dediait le genre des Araliacées

## BRASSAIA.

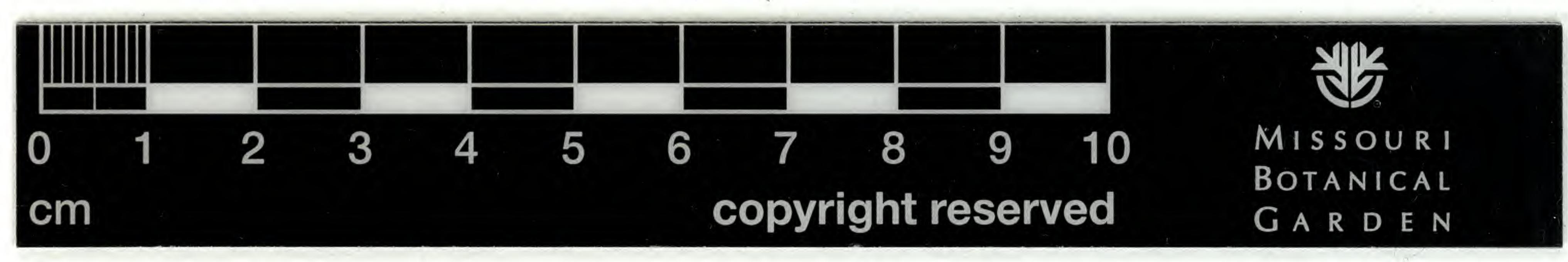
Il est bien rare de voir un auteur, ayant depuis si longtemps déjà atteint les plus hauts honneurs, comme botaniste, paraître encore parmi les vivants dans toute sa force d'esprit.

Pour procurer un jour de joie à cet homme de mérite, nous venons faire appel à nos collègues, certains d'avance qu'ils voudront bien se joindre à notre manifestation.

Nous avons considéré comme le plus convenable d'offrir au



Ellestti. men over 9, fle 7-8 rolyledon some times 6, never les Druello Ekening Amil 1872

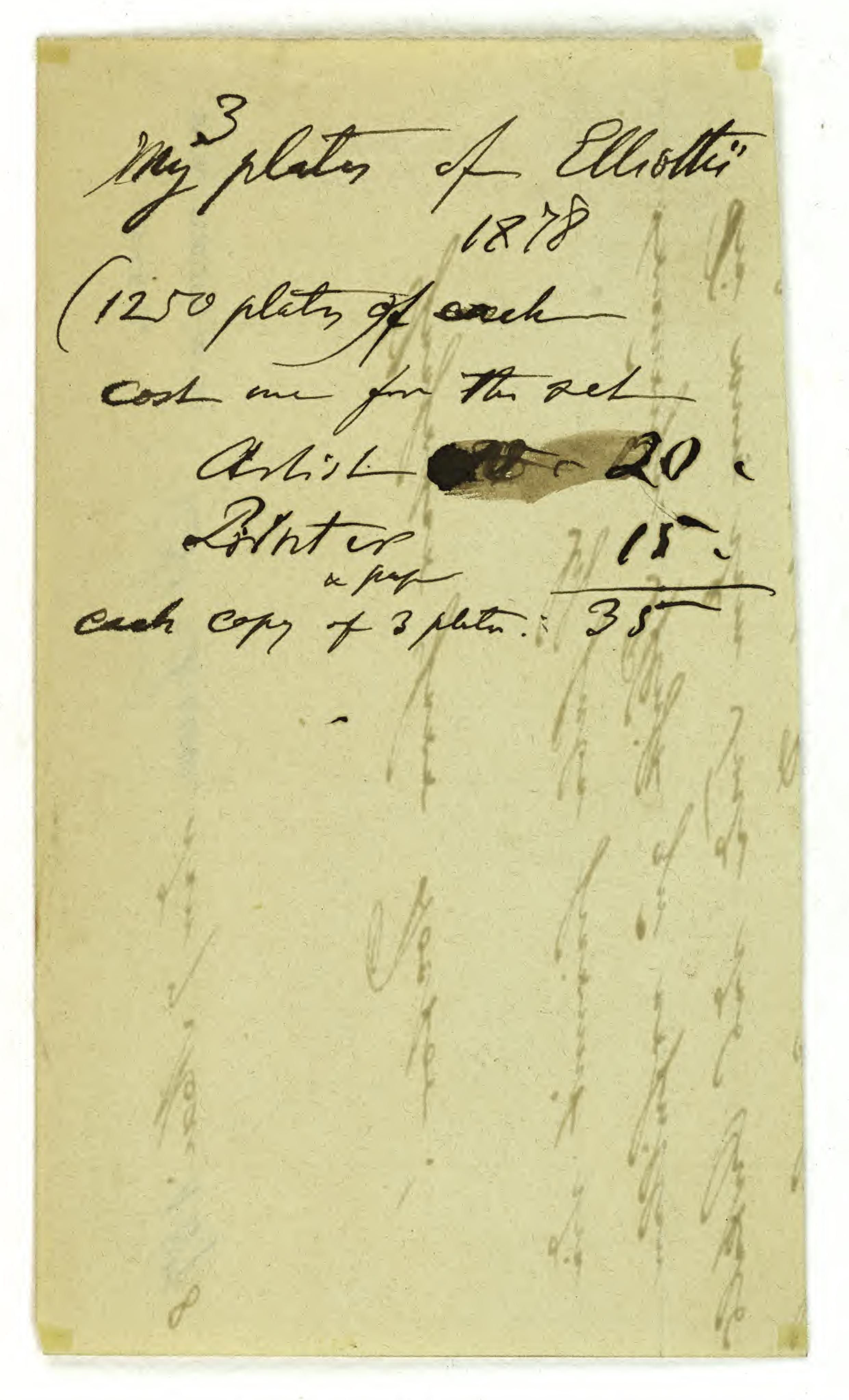


CHORSE ENGELMANN PAPERS

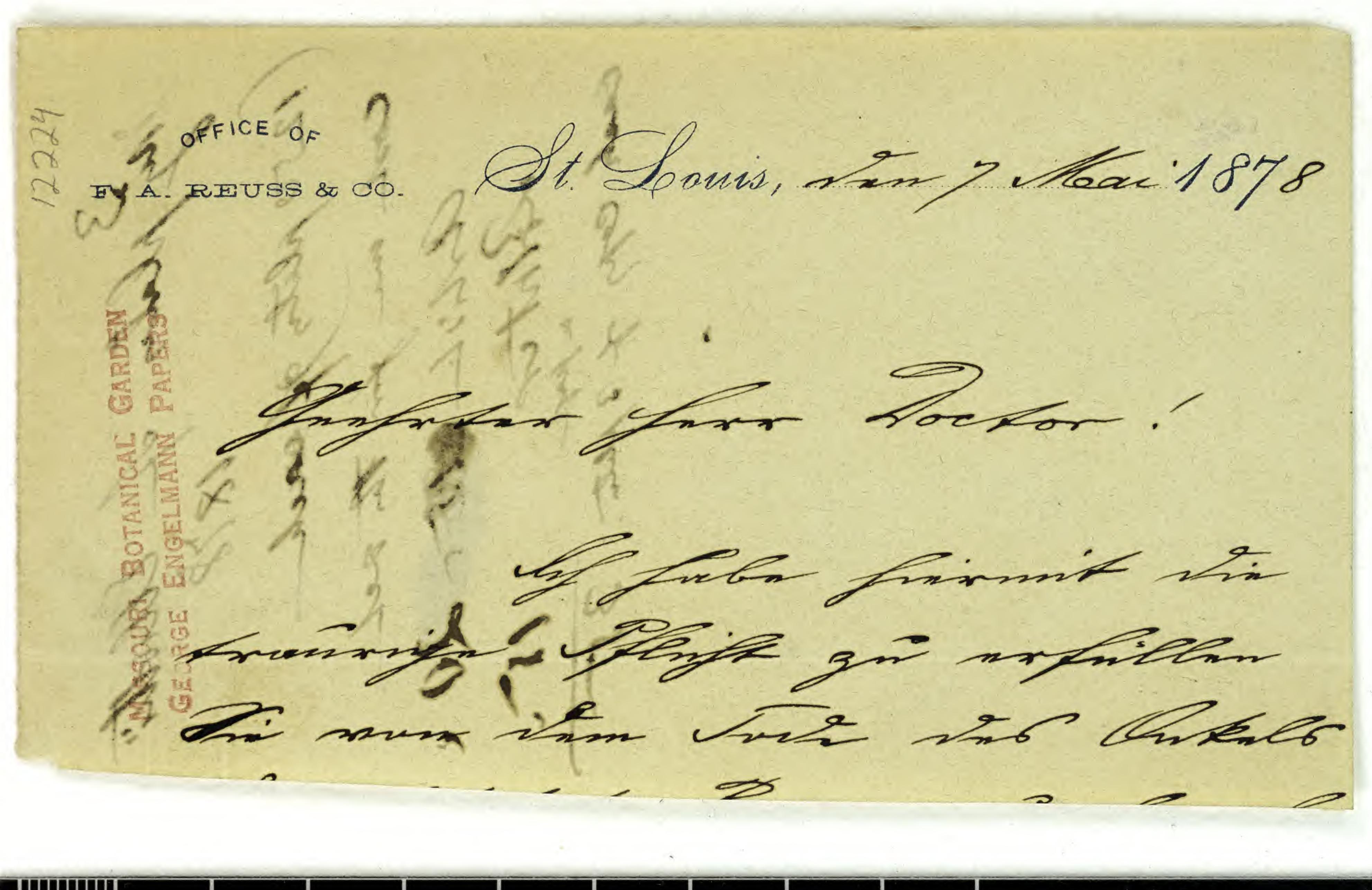
Mashington Aniversity.

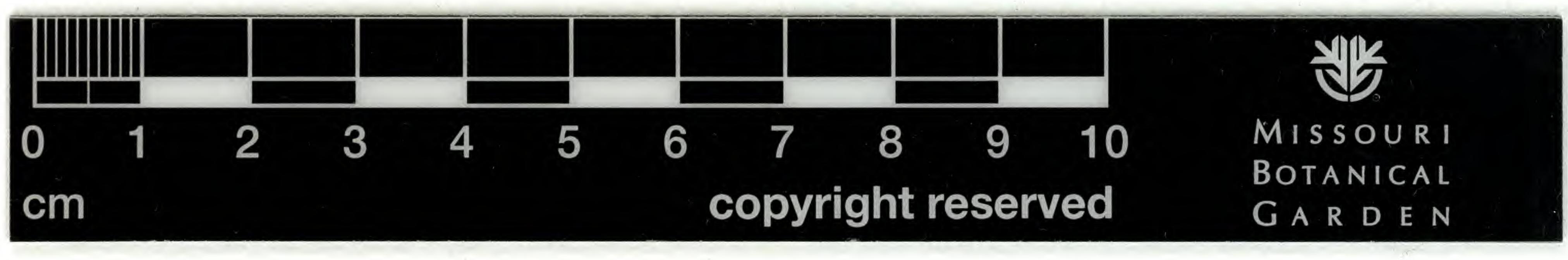
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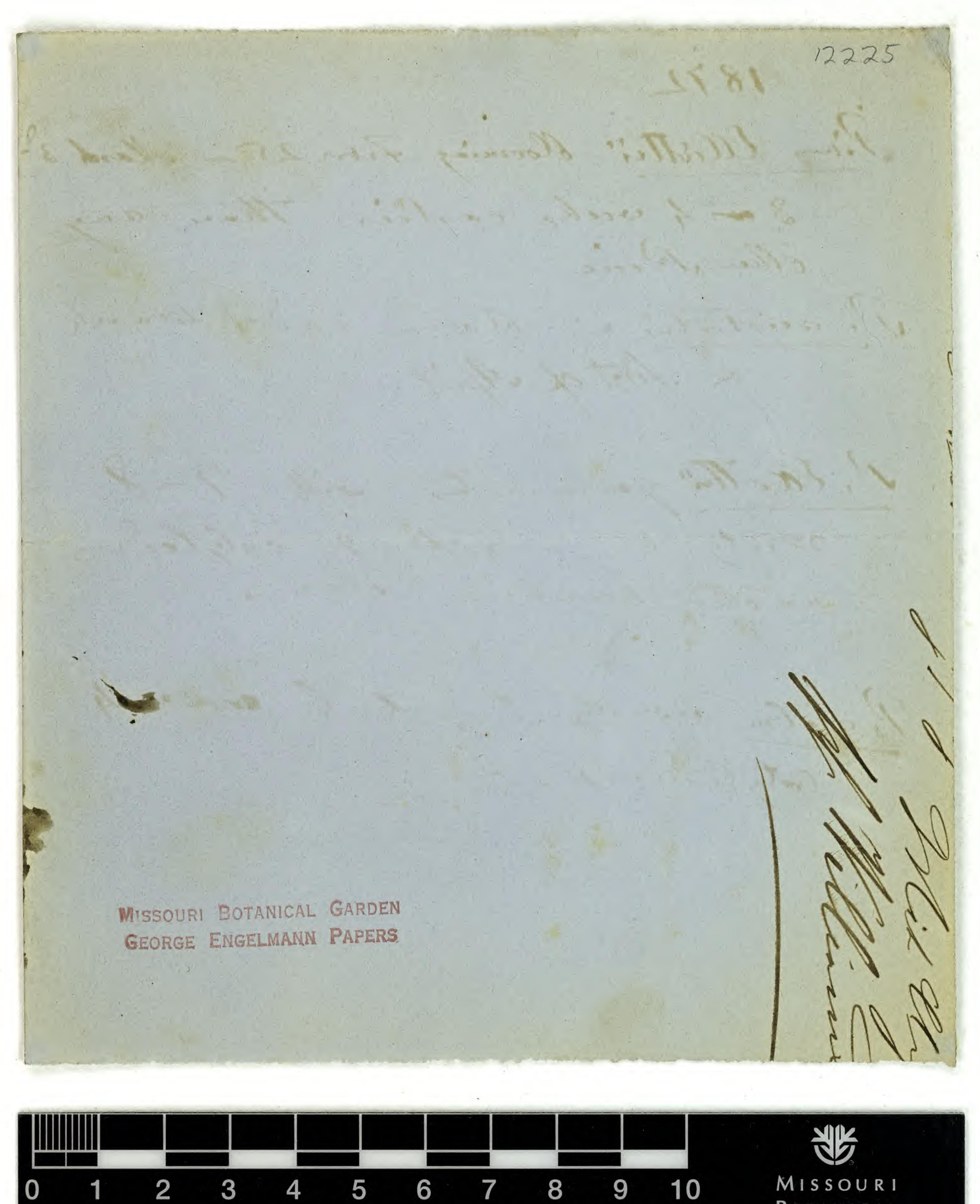


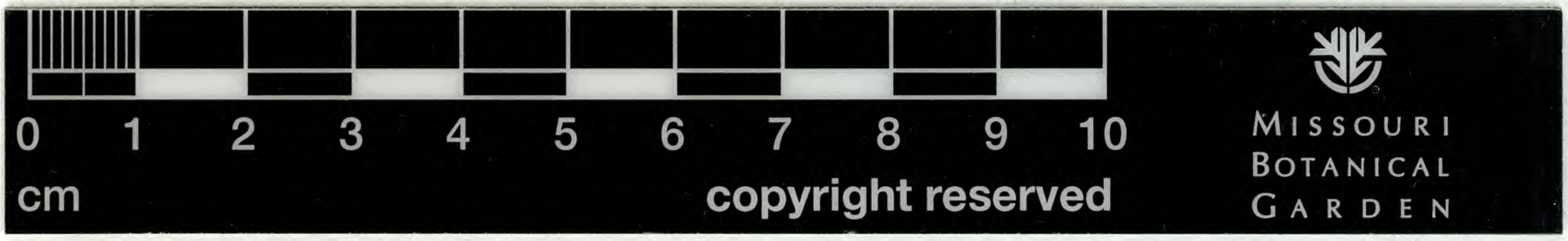




1872 Vinn Ellisttii blooming Fibr 25 - March 3 3 m 4 weeks earliers There any often Device De acistrelij - Bloom end of Manh I. Edwille" genneshates with 7-8 no other humbers seen. Rylabon asserly 5, of 6 moce 4 at ledon.

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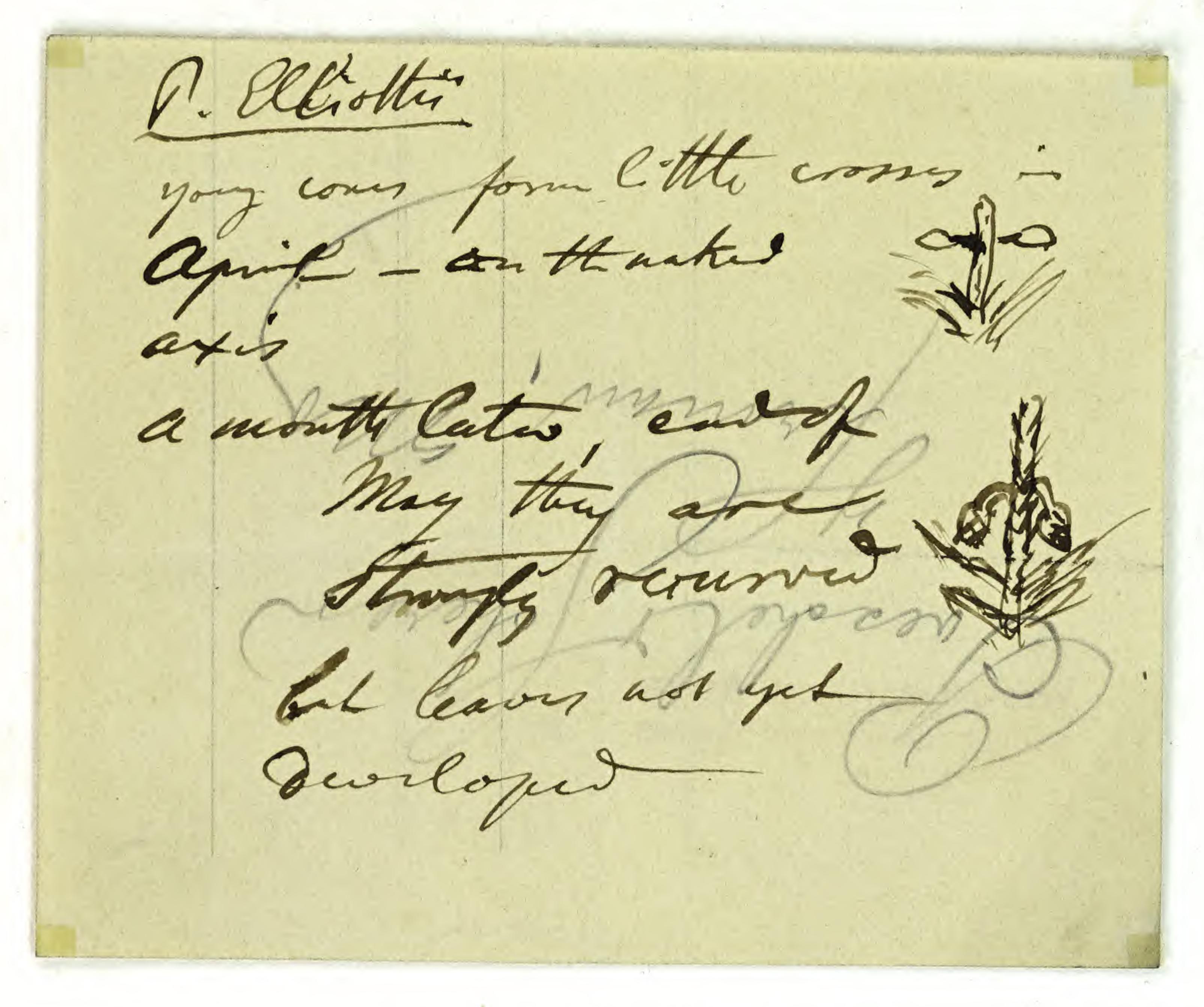


Pirus Ellistli' mile amonts already showing their beautiful violet tinge Decemb 12 18/2 sometikans

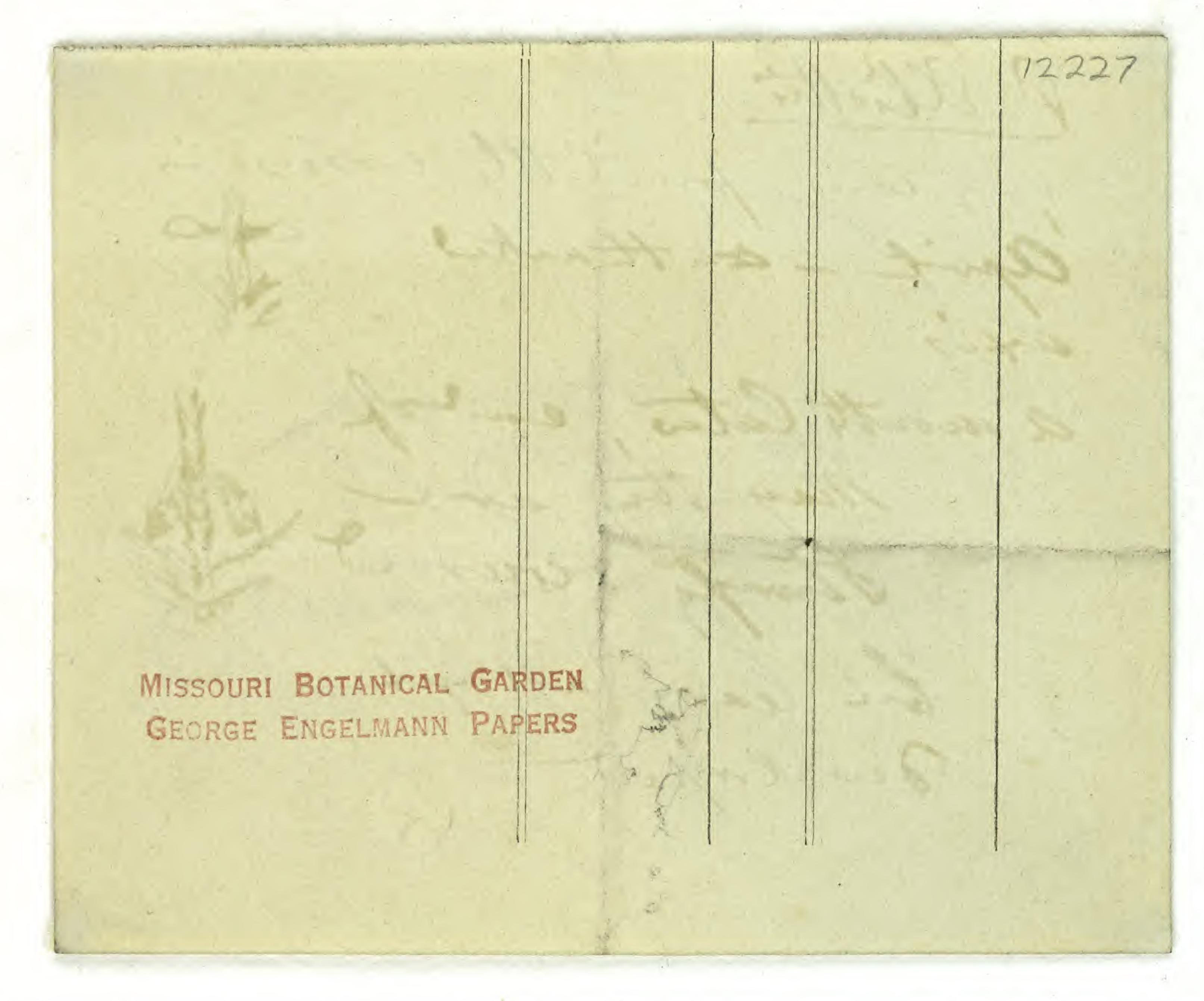


e und ifnar yfnik. Fufst. fin knur 24 km frambar Mr word anno MISSOURI BOTANICAL CARBEN 92261











Thus Ellistei' & M. writer: In 1872 Sobremed wing Free worthing botten before The 200 sattlet mi 1873 Film 15 or even cartien Eners the Time on Zh 24 the James to ABH Hagin to Sop. The origin supling many branches bore home male e female frank on same asis i same





1873 Befle S. C. SM. P. Ellotti dichang Ille The 15 1. Lacha Manh 20 25 Paul ne Jan flands 1/2 platon Calan Aimilia 7 on with Cothe Cate Desta Paututi & P. Elletti have



Dear Sir: one Case of Plants

addressed to you, has arrived per Steamer

from Ewerhood

The same is consigned to us, and has been held for duties. Please inform us promptly if we shall pay duty, and also send invoice and shipping instructions.

Please reply on back of this sheet.

AUSTIN BALDWIN & CO.

N. B.—Bills of Exchange on the City Bank, London, Paris, and all the principal Cities of Europe, issued at our Banking Office, No. 74 Broadway.



[Honstonia Patens. Ell.]

Rec-March 1th Burnon 70

24 Febry 3 25 & Engelmann ~ my 2 ly Jour last lives of 15 6 Lan 1 14 Feb came 10 Kans I in due time, - 1/m former & &-}-beeles ?. answer when I shed high 3 send any thong - but ye last wh I red on the 21' humes me up !W Lin som to Day Mal Jon and I not quite up to time with Times Ell.! Im the have untim me earlier, for so I aetho' last Reason I observed no tree is mapting pollin until The 28th Feb in is meh - yet this Season I suppose the 15th of Feb. on even carben might be 5. . 3 set vann as the time. Now The male ¿ à ambs au all open of turcting - Even Inp. 3 - king allen prollen discht. I kan a package containing 1st a specimen of of from a tree out med the 31st Jan, The NI of and still enet of form of retaining Them so intil the but who wed not have matured autil the (handles) or 15th Left also others)

male flas from a tree wh I believe ! is man cut about the 1sth - The polling is 3 wh is now discharging - also one or two of hanches (The your did not request it) of the 3 feetile amis or young comes of this spring.

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Ive also untten hum a few words & plana-O Tha -tony. There is always an elongation of of The axis beyond the cluster of male flas so of far as I have observed - on the old trees ex. about an inch or themalunts - on the younger Jon so tus mokes novem I heliem en nyonous y In unhameller Sapling some 5 or 6 inches or I move. In a very ver her it may be only can so an effort a that is all. Already you may The ¿ see a kunt of umbiliere projection begond this wes By this of about an inch 1 Even 2 mehrs as I was I saksfred mely to Day in Faming a Sapling. Sen Thus - The Same The in a lefon den of the 5 the 5 think with T? auctions . 7ho Thi & usual length of The & implanement in much Spre's of P. Ell is about an inch, - in a my I way Eapling mon, an inch 1 3/4 - perhaps 5 4 2 meters, but certainly not more. About the second in P. austral. I send you also a 20 2nd muc I package containing Specin from two of 15 Feb (?) 11 ales and full Examper on 22 Feb, 1 still Con I amillow beautiful one from Same tree (22 Feb) Sm \$3 showing comes of 71 (or rather alum they harher !) lan - com of 72 1 10m Frincelet temser punto on fu 3 purple om g 73 - 28 on same hanch my did hat to schart Them of your can form. us 313 Had Jon unten me earlier I cer hars cr Va } for better of me 1! Koetter: I ham OVE I some vy fine "speci from the cut on 31. I are a u 20 It send you can to have them for - he Day Emper Comepos Ports - at the Dumi Sum If the shall send fine specing Back of the Serminating seess of P. australis from Cal

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in apiency to the mud Summer growth. Bye the by ana\_ O that rememb me that whom steel further & amenation of P. australis I fund that The furt him leaves an generally but 2 leaves inclearly 3. If you So examined There I long ago sent you Ithento soull find the case - but I shall send nger In others, I am referring to its constrain when stew tupleitee for Sorry to beauthor you cannot lay y hand on accord Xfw - no 4/ more until Lune - Luly - of Them! Tearing That my two plants anther every of a Cornon Fier Wis wes he ent who this spring I dry them wife in the winter i blanch Them in a by " I wer glady, send for an hat I fear that I wed his surve The mails so Shall leach it to make some "! de-The not I can hardy call tuberous - but it is inighter of you place you may call it nort. indplanty took of evous - mus down 6 - 8 inches.

I have never perament The most of Ascelet. Put. 2 ~ S L'é be de lightet ?. en Mat yncer Buk 1 Ent 9 adrice ), you met to trust it to The tensor mueis of Them ( saen-1-1-1-1-1-1-1-1- Sielles" of the ?. o - A The expectable buts of the Jambeen concern at Washington! yes. Im my well Smile stry alles a The indications of my Tandy, growth A huspelp,— still " it's a propelp for my eye is now beller trainer This handly. Etill Zel) un! a my hear! - and Kenefons I still stick 1 If for my at agrate were markers ( Vaneties". The thought of my lowleing LOVE ora of how belles a seeing again the hash 1. Jans a utterly underant stuff who whom the spen Ithe moment I have has the folly i hand-Die - how to with you fells me really with Jus Some confusion of Jaco - dead men bee no Tales" - I wish for with now church Them in the five. Yes! Jun mentioner to me and previleant of the Y. Conjustiful. Seerling form

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how whether my subter a sterm of M. Honoson was a sewling I can't say - certain this that there were other young blants of same near but this one only showed that peculiant! here as you town have I seen fruit - a dantery fruit from 14 th who bot me flet stalk of y, & - last fall, said they had me bananas" We "Penny Syall" as he called y. al. ( Penny Royal - or Pametter (Palmetter) Syall") hut "pods"! I think he was re-- being to M. f - but who lowers but that he is right! What you state as to two haets of the Mexican Juean is new To me. I shall dig up some roots of Archel. Tut. t. compan outh Acrat. X fiv. a report. Don't be apair of the l'inck l'ut suss - they am ford - The the Califul my med have built - they were turning home I am really materia. you can early rain Theres in a box of dank cuth -(monstant). Hu Camo Hace. is 9 think unt lurking after - not creep. -ing along - not Tubers on holling, but selsom seen any subter" store of 4. Alongol bushing out from the main trumber, but this is comment the case with or vy beauty with felton of therefore you generally see There in a cluster - The stems all buneted together a this difficult countimes to Day wh Say in answer to 12 purposition one or two Tyle dry' controbutions of that I went read anything from 1. ken aut mit afleaum a





Aur Manh 25 Blu Tim 10 L'Engelmann 28. mer ) 3 maria yn mu duville monten to see another noter bolling so closely on the beets Mu om sent tail mail, - The Callwraphy of who feller go huit Jonwen ash to make out! - as fullas maller my hans is site ory so mull beg Jon sten ? . Excued 1/10 "fout-seralching"! I d'unto 70 Say That tink this I shaw mail a Eingle Spect of. 811 un Soulless mu le my tait funishing comptelfraed to that sime, i as the her - ferred To is Especially June of Feterment to Rent it! It comes from a monther a sapling growing with only 200 3 only in an oet "I hvorn frals fill"; - so that It had full nom x Visce eno to from on Seemed to thest, \_ takeing as it did

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not fail to do the Sim Shine into upu its blood 1 The Wind into 7/5 thay kulses- ar me torru would day!! elv This Lapling of Some 20- 21 feet is & The luxunant a Vyrons that most of The comes aw Souther, - 9 men. - Ca that their is a Vry General Elingations Pin yther axes after the putting forth nun The full cows - wh are afrem Cun repealer. This for last pear. Their hopkens I believe with all pines but I Etteerally co in zoning & rigorons ne night Ceen it To Thus C. Sent, & to a veg limites of the \* Kent; - never im P. Ceus Gab = 5 Is it at all usual that the Jemale amb or roung cenis shed appear having male ands ? The branches I overved Amow with most Ill This dring in ? the male flowers & always turning

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upuand The undications that Thes shorts will be Duitt Ceares. I think Tendency to this Elm. - gation than any other your \_ , turs Pines. P. australes is burably nur maturing & I fulyo pull Commercing to Duchangs ets botten - certainly 1. Toda - as I satisfied som of myself restuday - The amis gul at i en now folden - making quite This a show! \_\_; T. aust as you well 1 & kund ga Dech purple liter L'EL P. Eu. Still Calu blooms as Ive often toer m. 1. Station, ites of the not vy ban behind 7. aus. 1. 1. Tæd. hut ar you mu see rab from the Small Specimen I Sund Jan in Man prækage I. milis is a laggand in the raw who leads paco mitto or humans Ern a liet hehins P. Serviina. This pear Awed Seem as of P-Eu is full one month! a heat of all the rest, wh

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fittell is enoto separate it have hardy saw any thing in this wh I've mot repeated before mit their mitting liter Vinglyng an oet Muration Evry Deason. - it does, no harm at any -palv! I en elvou a haj ar two of the archet. Perennis (?) d'réponent 7; as frang ma Causeway Sphnite Sarannet also 2n 3 flis gality frund in an ver fanten here - abouts (seed in package) The neme grup spolithe L's War to Kum as 9 hame never seen it anywhen else. I suphur A came The authin of a ky bew Trees of F. Ele is

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(3) 70 L. Jew: Engelmann - 14 mes 71 Rec'manh 212 must st Lackey of Companies, a all represented to the on to stemme a feetile aments save "I. mites " ! Servana" both of why Therefore somewhat imperfectly represented. Show sent Thew also. I wish to call Raturation represent to a Pine wh forthe power & Steenal or unknown P. Aigisa !(Ell) n who sofumly stime to om last fall on auct of the premiums Mis com Supping much Sallie a mon about any Than The Stank Atoms Ravened with notes ( such on they are!!! I asses him of the was EU15 P. herda! He sys iten nem to him. I find it both in Sandy Enl ales in The low grown near 11 ?! Sentina ! The it is not so at 1. The form in the wet places & ponds as the latter. I have howen often sun sung ent frisz. In damp pine-banens it beenn, a lay The - or Tale or The ?? australes "

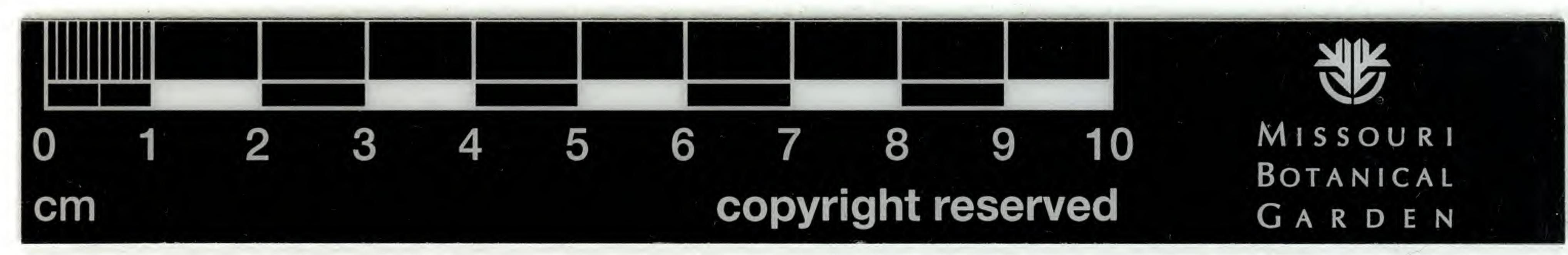
In the sand soil immerialed about me it is a mussle-circ two. Jementy 2 leaves The & have forms the range I leaves. It blooms and lost you in my last much earlie Kan Mothers - gits missle y Feb. of this y? (am say shing however) New amends when well formed, almost begut 1 & men dusy, the poller hairy already been water in Every Swelin 1 1/w root 1 look Sulphun splantes en Every denotion. The hunter y the Jum have a reddest livic - mon & than? autalus, from 1/1 raper ors -- Evantion of the lamin who have fulled of in larger flates Ithunk than ? ameticales. ( Ellutt days sunstrug about This in com-- metion with V. Hetenstylla of w/5 hower he fines a mus conform and !) On the letter low flat wans of the mark come with sampalmeting Ac (Salal Ser 3) The fun Sometimes Eaters, all others Int in such estimation they are of comme more stant than an this higher land! The grame of the most is come the ?? Tæsa har mer su sept i spongs in appear to knot a menty of firm when cut. A lumbu man Your mon that al-- Muys he oliver, perfect 7. cut 110 yellen pom - P. australis", 48/- Has 1/2 timber wer for A man autom found In high tand of middle sind he low time (y 7m can untilans my hum) much handled of standing from Irman to ale the wows that blow " but in low ground et eum uit to a consisterable herest 1 then has but a few pather conteer hancker, at the low!

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The early dropping of the Cones, & the Discharge of the " must " He alundune of Sollen \_ 2-3 leavy - exfoliation of bank in. lærger flakes than australis, and the remarkable recovering of The young comes in April & May I would plane Elleble! beleveen austrilij et desotias L. Mollichams

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of the description of the offeres were of Alle Conveniently furnish. is to be relied on when it is conveniently furnish. The the subject product of the subject product of the subject product of the the configuration of the test of the the cateford of the the cateford of the the cateford of the the cateford of the ca Hour Wheat Servant. Willieholson. Obene to have the above not being written as a holopaph with my own hand - being temporaris drichted he the effects of a severe illness.



de same by 8th Bluffin 70 70 L'Exe : Engelmann 7 de Indose a Epiennen of The 7. Starra wh you requised the to sent when in bloom. I conclus their antents are stender - the fectile & between abhearing somewhat later, but on any pine it is I smagne rather dynamet to Man The Cast unless the tree be cut I found some 8 or 10. of their himes growing as the head of a letter cook " on many River, among tive vales, magnitias, Cedan Malmeller na beautiful spor it was, - a fet haunt forthe most rymes 1 Humasryass of ancient quell dogs! The 1. Status as culainly a must sym-- etneal tree 1 well mostly of a place on Eine rich mans Lawn. In a litter nor long since red from me Ravenel be advises me to send you the aments no of the Vono Pine (1. Sentime). I shall do so if you deservit rates of the others from them. I find a considérable orpherener in their times of Howeing - 11 - 7! Serotina fiel mentioner being Summy the taggard in the law, as least after a good search section of how I have an ophalums of & aming all of the pines \* I was not able to find any. I unes Jom can to real a now wh I I ment jeetendag an regand The terme of I flowering of The T'ems about 715. 2. 11.2 1871. " The aments of an untenom " \* Time ( perham The 7. Region of Ellertt) I have for some time past her Inpine Euchhering on The ports & root its in Every Direction, and to day one of their trees having treen cut, I found many but comes of a

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beautiful me evlow! The comes of the Epring of 18 10 on the same her were numerous 1 still quite small. About the misole of February mas surprised to find the amends of the same kine (1. higida!) abread well formet, n of a beau--tiful violet - puhaps 2 wills or more in advance of all the other pines! - and This prevert correspond well mit what I when last fall - VIL, That then comes commenced to one much sautien 1 more abundants Than of the yellow Pine (1! australis) I were say that it comes mext in formaismess, the aments now being in some cases apparents perfectly formed, but I so not thente That The pollen has set & been discharged. May by a little later comes !! Tada (Lottoth), a still puhaps a little in délay-1. Stabra . P. mitis havere who I've also looked often this day of are very much behind hand - Their amends & Seeming first beginning to from, & as for the Pond Time (1! Sentina) I ced hourdy dis is - core that They had at all bell the subthe cufluences of the Spring Season; - from what I ces drieve I do not thento they me be in bloom for the weeks yet or more Colour of aments of (P. Rugsda?) 1. auchales P. Toes a yellow (keekers)
P. Slabra nose-colour becoming)
P. Mitis \_ To saif to say violet 1. Sentina All this may be vy superfluors, Expressly as you did not recent me To Say any Thing alms Pines - but as I was sending a spremmen I thought topist it make not be entoy slaw! The dried aments in The letter are from The Same untenum Peno (1. S. ?) wh now Strenge The snaded of the young of tenter comes of non-colour are from the came, with leaves. I believe the is - has sent your a specime. 1.5-Borte and come 4st! "Thing a reason & Muinebamps